

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	13	(("5490891") or ("5502289") or ("5596225") or ("5663901") or ("5993328") or ("6085412") or ("6151248") or ("6323064") or ("6333517") or ("6372539") or ("6410355") or ("6456528") or ("6537842")).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2004/12/10 11:19
S2	66	("5502289").URPN.	USPAT	OR	ON	2004/11/22 10:52
S3	5	("4296456"   "4320438"   "4714952"   "5012323"   "5294826").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2004/11/22 10:52
S4	5	("6323064").URPN.	USPAT	OR	ON	2004/11/22 10:53
S5	0	("6410355").URPN.	USPAT	OR	ON	2004/11/22 10:54
S6	42	("4054938"   "4222516"   "4264917"   "4463971"   "4532419"   "4649418"   "4754319"   "4766480"   "4872825"   "4931151"   "4931853"   "4961053"   "4990759"   "4994659"   "5036430"   "5144747"   "5272374"   "5307240"   "5315241"   "5375037"   "5493151"   "5550709"   "5581065"   "5612532"   "5663901"   "5677524"   "5752857"   "5757116"   "5770877"   "5783857"   "5796164"   "5822190"   "5874319"   "5906516"   "5933713"   "6002178"   "6104095"   "6109939"   "6137170"   "6180881"   "6199756"   "D368082").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2004/11/22 11:01
S7	1	("5933328").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2004/11/22 11:11
S8	2705	((438/112) or (438/113) or (438/114) or (438/126) or (438/127)).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2004/11/27 14:10
S9	1	S1 and (shap\$3 with die)	US-PGPUB; USPAT	OR	ON	2004/11/22 11:13
S10	293	S8 and (shap\$3 with die)	US-PGPUB; USPAT	OR	ON	2004/11/22 11:13
S11	10	S10 and (memory with card)	US-PGPUB; USPAT	OR	ON	2004/11/22 11:14
S12	1188	(438/127).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2004/11/22 11:14
S13	45	S12 and multiple with (encapsulation encapsulating encapsulated)	US-PGPUB; USPAT	OR	ON	2004/11/22 11:15
S14	45	S12 and multiple with (encapsulation encapsulating encapsulated encapsulate)	US-PGPUB; USPAT	OR	ON	2004/11/22 11:54

S15	68	S8 and multiple with (encapsulation encapsulating encapsulated encapsulate)	US-PGPUB; USPAT	OR	ON	2004/11/22 11:54
S16	727	(438/113).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2004/11/22 13:03
S17	64	S16 and (curved curvilinear curve)	US-PGPUB; USPAT	OR	ON	2004/11/22 13:11
S18	27	S16 and (memory adj (card or chip))	US-PGPUB; USPAT	OR	ON	2004/11/22 13:11
S19	31	("20020031869"   "4530152"   "4649418"   "4674175"   "5200362"   "5216278"   "5241133"   "5291061"   "5474958"   "5612513"   "5620928"   "5662262"   "5700981"   "5776798"   "5815372"   "5880904"   "5894108"   "5937512"   "5976912"   "5981314"   "5990545"   "5998860"   "6001671"   "6031278"   "6060778"   "6087202"   "6110755"   "6172419"   "6304306"   "6309943"   "RE36613").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2004/11/22 13:31
S20	0	("6624005").URPN.	USPAT	OR	ON	2004/11/22 13:34
S21	56	("4305897"   "4554126"   "4701999"   "4769344"   "4779835"   "4784872"   "4818204"   "4862245"   "4900485"   "4908178"   "4984059"   "5071334"   "5074779"   "5108955"   "5184208"   "5218759"   "5252853"   "5286679"   "5304842"   "5318677"   "5344795"   "5366933"   "5367196"   "5369056"   "5436203"   "5440169"   "5441684"   "5442234"   "5461255"   "5470892"   "5471366"   "5530295"   "5550711"   "5592735"   "5596231"   "5598034"   "5604376"   "5626887"   "5652461"   "5675182"   "5693984"   "5719442"   "5766982"   "5793118"   "5796160"   "5801074"   "5807768"   "5891759"   "5986336"   "5989940"   "5998243"   "6001672"   "6002173"   "6107690"   "6252308"   "6538311").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2004/11/22 13:34
S22	25	("6087202").URPN.	USPAT	OR	ON	2004/11/22 13:36
S23	19	("5510956"   "5585668"   "5705850"   "5872700"   "5880403"   "5898224"   "5907477"   "5969426"   "5976912"   "6051888"   "6087202"   "6104093"   "6236568"   "6246115"   "6284569"   "6326240"   "6326544"   "6326696"   "6411507").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2004/11/22 13:38

S24	10	("4744007"   "5014161"   "5065280"   "5307236"   "5311402"   "5455457"   "5510956"   "5587882"   "5623394"   "6082443").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2004/11/22 13:40
S25	11	featherby.inv.	US-PGPUB; USPAT; USOCR	OR	ON	2004/11/22 13:40
S26	2714	((438/112) or (438/113) or (438/114) or (438/126) or (438/127)).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2004/12/02 11:20
S27	423	S26 and (singulation singulating singulate singulated)	US-PGPUB; USPAT	OR	ON	2004/11/27 14:18
S28	145	S27 and (laser)	US-PGPUB; USPAT	OR	ON	2004/11/27 14:10
S29	20	S27 and (laser and (water with jet))	US-PGPUB; USPAT	OR	ON	2004/11/27 14:15
S30	24	S27 and (water with jet)	US-PGPUB; USPAT	OR	ON	2004/11/27 14:16
S31	0	S27 and (water with jet with abrasive)	US-PGPUB; USPAT	OR	ON	2004/11/27 14:18
S32	31329	(singulation singulating singulate singulated dicing dice diced)	US-PGPUB; USPAT	OR	ON	2004/11/27 14:18
S33	0	S32 and "438.clas"	US-PGPUB; USPAT	OR	ON	2004/11/27 14:18
S34	5571	S32 and "438".clas.	US-PGPUB; USPAT	OR	ON	2004/11/27 14:18
S35	6	S34 and (water with jet with abrasive)	US-PGPUB; USPAT	OR	ON	2004/12/02 07:28
S36	49	S26 and (alignment adj mark)	US-PGPUB; USPAT	OR	ON	2004/11/27 14:33
S37	1	S36 and (printed adj mark)	US-PGPUB; USPAT	OR	ON	2004/11/27 14:33
S38	0	perpheral adj card	US-PGPUB; USPAT	OR	ON	2004/11/29 12:03
S39	0	perpiheral adj card	US-PGPUB; USPAT	OR	ON	2004/11/29 12:03
S40	930	peripheral adj card	US-PGPUB; USPAT	OR	ON	2004/11/29 12:03
S41	6	S40 and "438".clas.	US-PGPUB; USPAT	OR	ON	2004/11/29 12:03
S42	10	("5715594").URPN.	USPAT	OR	ON	2004/11/29 12:05
S43	15	("4888307"   "4890197"   "5208732"   "5319522"   "5367766"   "5377060"   "5389739"   "5390082"   "5406117"   "5408383"   "5416358"   "5438224"   "5475919"   "5502892"   "5586389").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2004/11/29 13:32

S44	1067	((257/797) or (438/462)).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2004/12/02 10:05
S45	2	S44 and (printed adj mark)	US-PGPUB; USPAT	OR	ON	2004/11/29 13:33
S46	329	S44 and (alignment adj mark)	US-PGPUB; USPAT	OR	ON	2004/11/29 13:34
S47	32	S46 and (print or paint\$3 or ink)	US-PGPUB; USPAT	OR	ON	2004/12/02 09:22
S48	11	featherby.inv.	US-PGPUB; USPAT	OR	ON	2004/11/29 14:02
S49	713	(438/15).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2004/11/29 14:03
S50	468	S49 and testing	US-PGPUB; USPAT	OR	ON	2004/11/29 14:03
S51	146	S49 and (testing with package)	US-PGPUB; USPAT	OR	ON	2004/11/29 14:04
S52	6	S49 and (testing with package with (before or prior) with (encapsulation encapsulating encapsulated encapsulate))	US-PGPUB; USPAT	OR	ON	2004/11/29 14:04
S53	31475	(singulation singulating singulate singulated dicing dice diced)	US-PGPUB; USPAT	OR	ON	2004/12/02 07:28
S54	5602	S53 and "438".clas.	US-PGPUB; USPAT	OR	ON	2004/12/02 07:28
S55	6	S54 and (water with jet with abrasive)	US-PGPUB; USPAT	OR	ON	2004/12/02 07:28
S56	194	(438/114).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2004/12/02 10:00
S57	14	S56 and alignment with mark	US-PGPUB; USPAT	OR	ON	2004/12/02 09:27
S58	8022	alignment adj mark	US-PGPUB; USPAT	OR	ON	2004/12/02 09:27
S59	1	S56 and (printed adj mark)	US-PGPUB; USPAT	OR	ON	2004/12/02 09:29
S60	1	S59 and "438".clas.	US-PGPUB; USPAT	OR	ON	2004/12/02 09:29
S61	1305	S58 and "438".clas.	US-PGPUB; USPAT	OR	ON	2004/12/02 09:29
S62	1305	S61 and alignment	US-PGPUB; USPAT	OR	ON	2004/12/02 09:30
S63	11	S61 and printed adj mark	US-PGPUB; USPAT	OR	ON	2004/12/02 09:30
S64	11	S61 and (printed adj mark)	US-PGPUB; USPAT	OR	ON	2004/12/02 09:31

S65	49	S58 and (printed adj mark)	US-PGPUB; USPAT	OR	ON	2004/12/02 09:31
S66	12	S65 and ((438" or "257").clas.)	US-PGPUB; USPAT	OR	ON	2004/12/02 09:31
S67	14	("5237199"   "5362681"   "5843831"   "5899729"   "5917237"   "5923995"   "5943587"   "5972234"   "5981314"   "6004405"   "6066513"   "6068954"   "6080635"   "6087202").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2004/12/02 09:58
S68	1069	((257/797) or (438/462)).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2004/12/02 10:05
S69	9	S68 and molding with mark\$3	US-PGPUB; USPAT	OR	ON	2004/12/02 10:06
S70	56	("4305897"   "4554126"   "4701999"   "4769344"   "4779835"   "4784872"   "4818204"   "4862245"   "4900485"   "4908178"   "4984059"   "5071334"   "5074779"   "5108955"   "5184208"   "5218759"   "5252853"   "5286679"   "5304842"   "5318677"   "5344795"   "5366933"   "5367196"   "5369056"   "5436203"   "5440169"   "5441684"   "5442234"   "5461255"   "5470892"   "5471366"   "5530295"   "5550711"   "5592735"   "5596231"   "5598034"   "5604376"   "5626887"   "5652461"   "5675182"   "5693984"   "5719442"   "5766982"   "5793118"   "5796160"   "5801074"   "5807768"   "5891759"   "5986336"   "5989940"   "5998243"   "6001672"   "6002173"   "6107690"   "6252308"   "6538311").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2004/12/02 10:36
S71	29020	memory adj card	US-PGPUB; USPAT; USOCR	OR	ON	2004/12/02 10:36
S72	252	S71 and (printed with mark)	US-PGPUB; USPAT; USOCR	OR	ON	2004/12/02 10:37
S73	85	S71 and ((printed with mark) and (label or logo))	US-PGPUB; USPAT; USOCR	OR	ON	2004/12/02 10:39
S74	252	S71 and (printed with mark)	US-PGPUB; USPAT; USOCR	OR	ON	2004/12/02 10:39
S75	0	S74 and "438".clas.	US-PGPUB; USPAT; USOCR	OR	ON	2004/12/02 10:40
S76	1	("6444501").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2004/12/02 10:41

S77	2	("6444501").URPN.	USPAT	OR	ON	2004/12/02 10:41
S78	2721	((438/112) or (438/113) or (438/114) or (438/126) or (438/127)).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2004/12/02 11:20
S79	30	S78 and memory adj card	US-PGPUB; USPAT	OR	ON	2004/12/02 11:21
S80	1	S79 and casing	US-PGPUB; USPAT	OR	ON	2004/12/02 11:21
S81	10941	testing with semiconductor	US-PGPUB; USPAT	OR	ON	2004/12/02 13:29
S82	139	S81 and between adj steps	US-PGPUB; USPAT	OR	ON	2004/12/02 13:29
S83	0	testing with semiconductor with (between adj steps)	US-PGPUB; USPAT	OR	ON	2004/12/02 13:29
S84	6	test\$4 with semiconductor with (between adj steps)	US-PGPUB; USPAT	OR	ON	2004/12/02 13:29
S85	10883	wallace.inv.	US-PGPUB; USPAT	OR	ON	2004/12/10 11:18
S86	40	S85 and sandisk.as.	US-PGPUB; USPAT	OR	ON	2004/12/10 11:19
S87	1881	((438/113) or (438/114) or (438/458) or (438/464) or (438/465)).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/05/25 14:41
S88	66977	memory with card	US-PGPUB; USPAT	OR	ON	2005/05/25 14:41
S89	24	S87 and S88	US-PGPUB; USPAT	OR	ON	2005/05/25 14:43
S90	286	S87 and ((shape shaped shaping form) with (frame or dice))	US-PGPUB; USPAT	OR	ON	2005/05/25 15:17
S91	3	(("20040090829") or ("5877544") or ("6624005")).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/05/26 11:45
S92	6	("4955132"   "5070390"   "5382829"   "5399903"   "5455454"   "5598031").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/05/26 08:52
S93	2	("5877544").URPN.	USPAT	OR	ON	2005/05/26 08:53
S94	4	("5031026"   "5640306"   "5786988"   "5877544").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/05/26 08:54
S95	17	("5640306").URPN.	USPAT	OR	ON	2005/05/26 08:55
S96	2	("6624005").URPN.	USPAT	OR	ON	2005/05/26 09:43

S97	20	("5272374"   "5541452"   "5550709"   "5612532"   "6028774"   "6040622"   "6141210"   "6145023"   "6147860"   "6362957"   "6410355"   "6431456"   "6462273"   "6483038"   "6538331"   "6552423"   "6573567"   "6624005"   "6686663"   "D368082").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/05/26 09:48
S98	1	("6410355").URPN.	USPAT	OR	ON	2005/05/26 10:09
S99	970	(438/125).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/05/26 10:09
S100	74	S99 and coat\$3 with adhesive	US-PGPUB; USPAT	OR	ON	2005/05/26 10:29
S101	8	("20030057563"   "20030059976"   "5153700"   "5208450"   "5783856"   "6204555"   "6366468"   "6528351").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/05/26 10:17
S102	8	S99 and ((coat\$3 and deposit\$4) with adhesive)	US-PGPUB; USPAT	OR	ON	2005/05/26 10:29
S103	13	((("5490891") or ("5502289") or ("5596225") or ("5663901") or ("5933328") or ("6085412") or ("6151248") or ("6323064") or ("6333517") or ("6372539") or ("6410355") or ("6456528") or ("6537842"))).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/05/26 11:46
S104	2	("5877544").URPN.	USPAT	OR	ON	2005/05/26 11:50
S105	25	customized with (dicing dice diced)	USPAT	OR	ON	2005/05/26 11:51
S106	9	S105 and "438".clas.	USPAT	OR	ON	2005/05/26 11:51
S107	320	("non-rectangular" curved circular elliptical oval) with (dicing dice diced)	USPAT	OR	ON	2005/05/26 11:52
S108	63	S107 and "438".clas.	USPAT	OR	ON	2005/05/26 11:56
S109	67	S107 and "257".clas.	USPAT	OR	ON	2005/05/26 12:07
S110	19	("4692147"   "4783225"   "5230747"   "5279992"   "5370669"   "5431695"   "5439482"   "5456698"   "5470345"   "5697953"   "5749910"   "5782891"   "5873899"   "6014586"   "6094597"   "6191931"   "6192277"   "6256206"   "6459566").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/05/26 11:57
S111	2	("4897141"   "4999242").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/05/26 12:00

S11 2	3	S107 and "361".clas.	USPAT	OR	ON	2005/05/26 12:07
S11 3	0	S107 and "365".clas.	USPAT	OR	ON	2005/05/26 12:07
S11 4	504	(257/e23.043).CCLS.	EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/05/27 14:46
S11 5	8	S114 and (circular or curve or curved or elliptical)	EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/05/27 14:35
S11 6	266	((257/e23.031) or (257/e23.037)). CCLS.	EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/05/27 14:50
S11 7	0	S116 and leadframe	US-PGPUB; USPAT	OR	ON	2005/05/27 14:47
S11 8	1939	leadframe with (etching or dice or die)	US-PGPUB; USPAT	OR	ON	2005/05/27 14:48
S11 9	586	S118 and "438".clas.	US-PGPUB; USPAT	OR	ON	2005/05/27 14:48
S12 0	1329	S118 and (geometry or shape or shaped)	US-PGPUB; USPAT	OR	ON	2005/05/27 14:48
S12 1	31	S120 and memory with card	US-PGPUB; USPAT	OR	ON	2005/05/27 14:48
S12 2	414	(438/111).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/05/27 15:05
S12 3	845	((438/111) or (438/112)).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/10/17 13:08
S12 4	405	S123 and ((leadframe or "lead frame") with (etch\$3 or dice or die or cut\$4))	US-PGPUB; USPAT	OR	ON	2005/05/27 15:06
S12 5	3	(("20040090829") or ("5877544") or ("6624005")).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/05/31 08:45
S12 6	0	("wo2069251").PN.	EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/05/31 08:45
S12 7	7	("2069251").PN.	EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/05/31 08:45
S12 8	0	("6472733").URPN.	USPAT	OR	ON	2005/10/17 12:53
S12 9	4	("5031026"   "5640306"   "5786988"   "5877544").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/10/17 12:53
S13 0	17	("5640306").URPN.	USPAT	OR	ON	2005/10/17 12:54

S13 1	2	("5877544").URPN.	USPAT	OR	ON	2005/10/17 12:55
S13 2	6	("4955132"   "5070390"   "5382829"   "5399903"   "5455454"   "5598031").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/10/17 12:55
S13 3	31	("20020031869"   "4530152"   "4649418"   "4674175"   "5200362"   "5216278"   "5241133"   "5291061"   "5474958"   "5612513"   "5620928"   "5662262"   "5700981"   "5776798"   "5815372"   "5880904"   "5894108"   "5937512"   "5976912"   "5981314"   "5990545"   "5998860"   "6001671"   "6031278"   "6060778"   "6087202"   "6110755"   "6172419"   "6304306"   "6309943"   "RE36613").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/10/17 12:56
S13 4	10	("5715594").URPN.	USPAT	OR	ON	2005/10/17 13:00
S13 5	15	("4888307"   "4890197"   "5208732"   "5319522"   "5367766"   "5377060"   "5389739"   "5390082"   "5406117"   "5408383"   "5416358"   "5438224"   "5475919"   "5502892"   "5586389").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/10/17 13:01
S13 6	877	((438/111) or (438/112)).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/10/17 13:09
S13 7	12	S136 and memory with card	US-PGPUB; USPAT	OR	ON	2005/10/17 13:09
S13 8	24	("20010010397"   "4460537"   "4641176"   "4688152"   "4772761"   "5216278"   "5557150"   "5729894"   "5793118"   "5841192"   "5893724"   "5930603"   "5933328"   "6040622"   "6053414"   "6068191"   "6097605"   "6115257"   "6163474"   "6184575"   "6191951"   "6208019"   "6235555"   "6324069").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/10/17 13:11
S13 9	5	("5307240"   "5315241"   "5493151"   "5663901"   "5796164").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/10/17 13:12
S14 0	22	("6040622").URPN.	USPAT	OR	ON	2005/10/17 13:12
S14 1	39	("4688152").URPN.	USPAT	OR	ON	2005/10/17 13:22
S14 2	544	(memory adj card) with shap\$4	USPAT	OR	ON	2005/10/17 13:23
S14 3	452	S142 and (method manufacture forming process)	USPAT	OR	ON	2005/10/18 07:12

S14 4	2050	((438/112) or (438/113) or (438/460)).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/10/19 13:39
S14 5	143	S144 and ((shap\$4 curv\$3 trapezoid\$2) with (dic\$3))	US-PGPUB; USPAT	OR	ON	2005/10/18 09:14
S14 6	13	("20030001255"   "20030003629"   "20030003630"   "5321299"   "5399906"   "5532517"   "5650665"   "5752182"   "6087721"   "6201286"   "6257215"   "6259157"   "6495836").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/10/18 08:23
S14 7	0	("6706553").URPN.	USPAT	OR	ON	2005/10/18 09:07
S14 8	12	("20020070443"   "20020074641"   "5048179"   "5457299"   "5497033"   "6025995"   "6154366"   "6232667"   "6239482"   "6271469"   "6320127"   "6423570").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/10/18 09:07
S14 9	0	("6573156").URPN.	USPAT	OR	ON	2005/10/18 09:13
S15 0	6	("5904546"   "6048777"   "6107164"   "6117347"   "6200882"   "6277666").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/10/18 09:13
S15 1	3420	((shap\$4 curv\$3 trapezoid\$2) with (dic\$3 singulat\$3))	US-PGPUB; USPAT	OR	ON	2005/10/18 09:14
S15 2	695	S151 and "438".clas.	US-PGPUB; USPAT	OR	ON	2005/10/18 09:14
S15 3	1517	S151 and packag\$3	US-PGPUB; USPAT	OR	ON	2005/10/18 09:15
S15 4	119	S151 and leadframe	US-PGPUB; USPAT	OR	ON	2005/10/18 10:04
S15 5	2018	S151 and substrate	US-PGPUB; USPAT	OR	ON	2005/10/18 10:05
S15 6	1201	S153 and substrate	US-PGPUB; USPAT	OR	ON	2005/10/18 10:05
S15 7	445	S156 and "438".clas.	US-PGPUB; USPAT	OR	ON	2005/10/18 10:33
S15 8	625	S151 and encapsulat\$3	US-PGPUB; USPAT	OR	ON	2005/10/18 10:33
S15 9	231	S158 and "438".clas.	US-PGPUB; USPAT	OR	ON	2005/10/18 10:33
S16 0	8	("20020050637"   "4583283"   "4903107"   "5153700"   "5376179"   "5843846"   "5851928"   "6583512").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/10/18 10:50
S16 1	0	shpaed with singulation	US-PGPUB; USPAT	OR	ON	2005/10/18 10:51

S16 2	59	shaped with singulation	US-PGPUB; USPAT	OR	ON	2005/10/18 10:53
S16 3	1016	shaped with (dice dicing)	US-PGPUB; USPAT	OR	ON	2005/10/18 10:59
S16 4	284	S163 and package	US-PGPUB; USPAT	OR	ON	2005/10/18 10:53
S16 5	103	curved with (dice dicing)	US-PGPUB; USPAT	OR	ON	2005/10/18 10:59
S16 6	29	("4301470"   "4328553"   "4478368"   "4555872"   "4648215"   "4705016"   "4893440"   "5160403"   "5184434"   "5279075"   "5527204"   "5567964"   "5587605"   "5637030"   "5679058"   "5757445"   "5776796"   "5782673"   "5840597"   "5908349"   "5926586"   "5962862"   "6002163"   "6014965"   "6077152"   "6080907"   "6180497"   "6191473"   "6325059").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/10/18 12:07
S16 7	29	("4301470"   "4328553"   "4478368"   "4555872"   "4648215"   "4705016"   "4893440"   "5160403"   "5184434"   "5279075"   "5527204"   "5567964"   "5587605"   "5637030"   "5679058"   "5757445"   "5776796"   "5782673"   "5840597"   "5908349"   "5926586"   "5962862"   "6002163"   "6014965"   "6077152"   "6080907"   "6180497"   "6191473"   "6325059").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/10/18 12:11
S16 8	4	("6325059").URPN.	USPAT	OR	ON	2005/10/18 12:11
S16 9	15	("3809050"   "3811182"   "3976288"   "4004955"   "4046985"   "4600936"   "4685363"   "5606489"   "5618759"   "5710065"   "5803797"   "5964646"   "6024631"   "6165232"   "6187654"). PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/10/18 12:12

S17 0	56	("4305897"   "4554126"   "4701999"   "4769344"   "4779835"   "4784872"   "4818204"   "4862245"   "4900485"   "4908178"   "4984059"   "5071334"   "5074779"   "5108955"   "5184208"   "5218759"   "5252853"   "5286679"   "5304842"   "5318677"   "5344795"   "5366933"   "5367196"   "5369056"   "5436203"   "5440169"   "5441684"   "5442234"   "5461255"   "5470892"   "5471366"   "5530295"   "5550711"   "5592735"   "5596231"   "5598034"   "5604376"   "5626887"   "5652461"   "5675182"   "5693984"   "5719442"   "5766982"   "5793118"   "5796160"   "5801074"   "5807768"   "5891759"   "5986336"   "5989940"   "5998243"   "6001672"   "6002173"   "6107690"   "6252308"   "6538311").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/10/18 12:50
S17 1	7795	cole.inv.	US-PGPUB; USPAT; USOCR	OR	ON	2005/10/18 12:50
S17 2	6	S171 and lightwave.as.	US-PGPUB; USPAT; USOCR	OR	ON	2005/10/18 12:50
S17 3	1	"20040090829".pn.	US-PGPUB; USPAT	OR	ON	2005/10/19 10:35
S17 4	31	("20020031869"   "4530152"   "4649418"   "4674175"   "5200362"   "5216278"   "5241133"   "5291061"   "5474958"   "5612513"   "5620928"   "5662262"   "5700981"   "5776798"   "5815372"   "5880904"   "5894108"   "5937512"   "5976912"   "5981314"   "5990545"   "5998860"   "6001671"   "6031278"   "6060778"   "6087202"   "6110755"   "6172419"   "6304306"   "6309943"   "RE36613").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/10/19 12:30
S17 5	1	("6368899").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/10/19 12:31

S17 6	72	("3646409"   "3706840"   "3771025"   "3828425"   "3914858"   "4089575"   "4091407"   "4100675"   "4173683"   "4198444"   "4250347"   "4468411"   "4506108"   "4523372"   "4633573"   "4652465"   "4661837"   "4663240"   "4687622"   "4769344"   "4833334"   "4835120"   "4837448"   "4839716"   "4888449"   "4891687"   "4935174"   "4953002"   "4967315"   "4975762"   "4979019"   "5047260"   "5096851"   "5138430"   "5139969"   "5149662"   "5151770"   "5166772"   "5180513"   "5202536"   "5206794"   "5239126"   "5250845"   "5268331"   "5294826"   "5304750"   "5317107"   "5384477"   "5406117"   "5424251"   "5441900"   "5527742"   "5552338"   "5561265"   "5577319"   "5589129"   "5610443"   "5629559"   "5672918"   "5714102"   "5770304"   "5780163"   "5824568"   "5825042"   "5834891"   "5847467"   "5851852"   "5864088"   "5880403"   "5888850"   "5889316"   "5946556"). PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/10/19 12:31
S17 7	56	("5166772").URPN.	USPAT	OR	ON	2005/10/19 12:37
S17 8	2050	((438/112) or (438/113) or (438/460)).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/10/20 11:12
S17 9	629	S178 and test\$4	US-PGPUB; USPAT	OR	ON	2005/10/19 13:39
S18 0	13	S178 and test\$4 with before with encapsulat\$4	US-PGPUB; USPAT	OR	ON	2005/10/19 13:39
S18 1	13	S178 and (test\$4 with before with encapsulat\$4)	US-PGPUB; USPAT	OR	ON	2005/10/19 13:43
S18 2	18	S178 and (test\$4 with before with singulat\$4)	US-PGPUB; USPAT	OR	ON	2005/10/19 13:53
S18 3	4	S178 and (electrical\$4 with test\$4 with before with singulat\$4)	US-PGPUB; USPAT	OR	ON	2005/10/19 14:22
S18 4	1	S178 and (tape with remov\$4 with before with singulat\$4)	US-PGPUB; USPAT	OR	ON	2005/10/19 14:25
S18 5	6	(tape with remov\$4 with before with singulat\$4)	US-PGPUB; USPAT	OR	ON	2005/10/19 14:23
S18 6	2	S185 and "438".clas.	US-PGPUB; USPAT	OR	ON	2005/10/19 14:24
S18 7	6	S185 and "257".clas.	US-PGPUB; USPAT	OR	ON	2005/10/19 14:24
S18 8	246	S178 and (tape with remov\$4)	US-PGPUB; USPAT	OR	ON	2005/10/19 14:25

S18 9	3	S188 and remov\$4 with before with singulat\$4	US-PGPUB; USPAT	OR	ON	2005/10/19 14:26
S19 0	19	("5367196"   "5494207"   "5508556"   "5596231"   "5623123"   "5656550"   "5741729"   "5844315"   "5854511"   "5866948"   "5981314"   "5990545"   "6013946"   "6060774"   "6060778"   "6093960"   "6133070"   "6177288"   "6188130").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/10/19 15:05
S19 1	1	("6133070").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/10/19 15:07
S19 2	3	S178 and plat\$4 with before with singulat\$4	US-PGPUB; USPAT	OR	ON	2005/10/19 15:07
S19 3	3	("5230144"   "5942794"   "6166430").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/10/19 15:27
S19 4	7	("5294827"   "5521429"   "5841187"   "5844307"   "5900676"   "5973388"   "5977613").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/10/19 15:28
S19 5	59	("5900676").URPN.	USPAT	OR	ON	2005/10/20 07:45
S19 6	1	("6399415").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/10/20 07:45
S19 7	1	("6489218").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/10/20 08:36
S19 8	2050	((438/112) or (438/113) or (438/460)).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/10/20 13:38
S19 9	8	external with package with after with singulat\$4	US-PGPUB; USPAT	OR	ON	2005/10/20 11:52
S20 0	2050	((438/112) or (438/113) or (438/460)).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/10/20 13:38
S20 1	10	S200 and laser with water with singulat\$4	US-PGPUB; USPAT	OR	ON	2005/10/20 13:39
S20 2	0	S200 and laser with water with singulat\$4 with combination	US-PGPUB; USPAT	OR	ON	2005/10/20 13:39
S20 3	1	laser with water with singulat\$4 with combination	US-PGPUB; USPAT	OR	ON	2005/10/20 13:39